

FIG.1

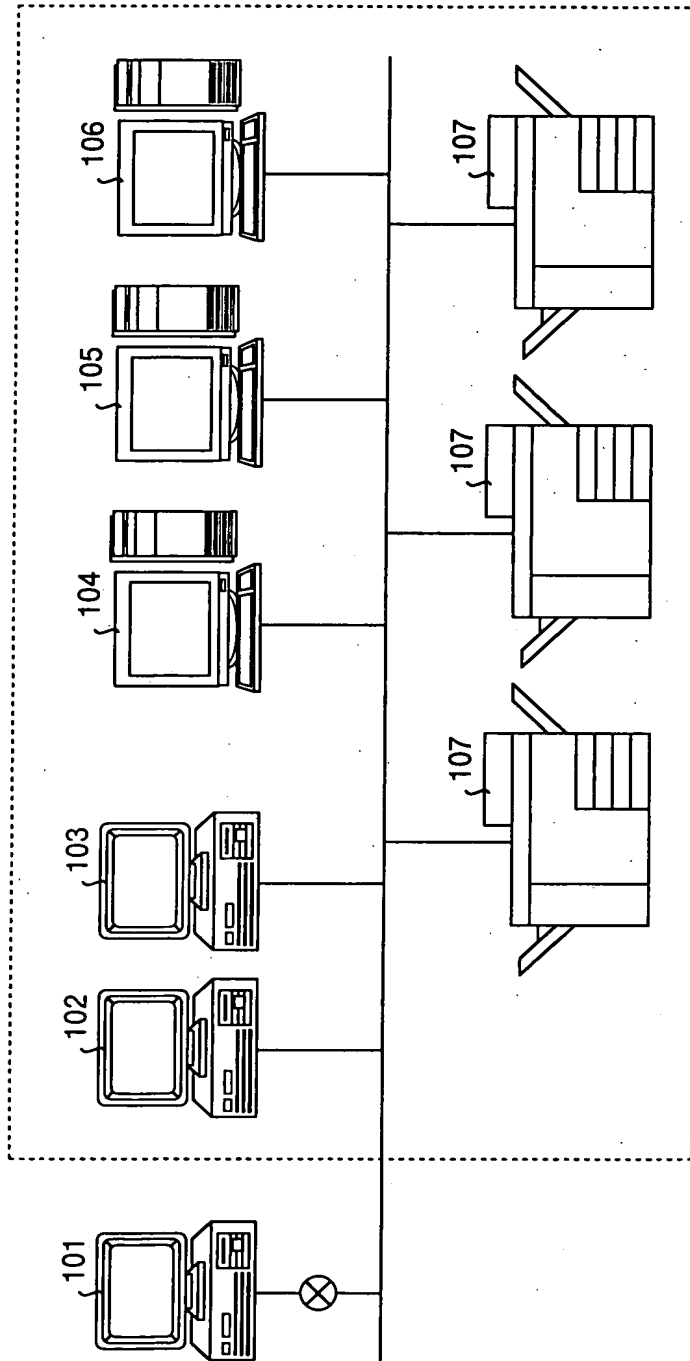
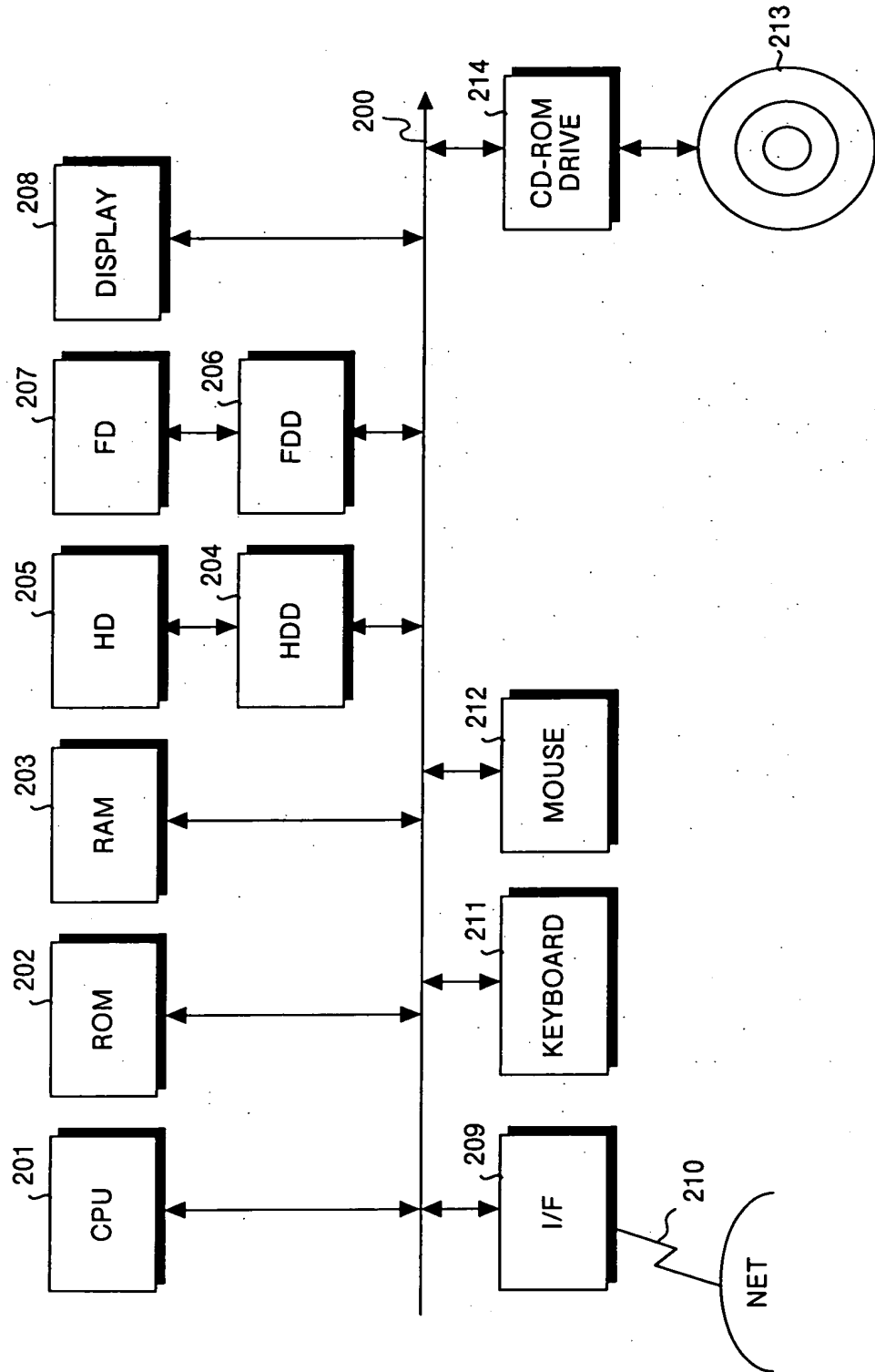
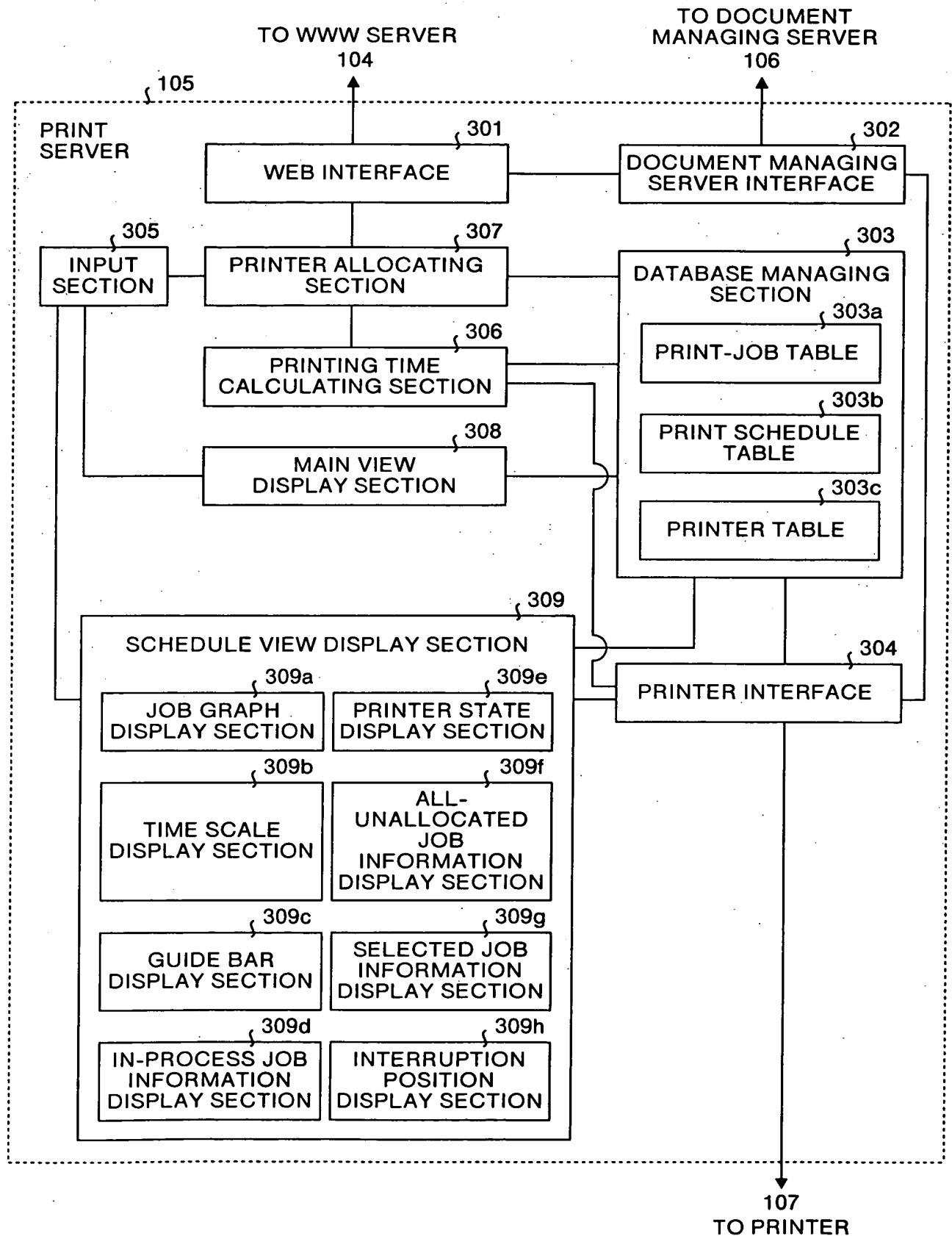


FIG.2



3/19

FIG.3



4/19

FIG.4

ITEM ID	DATA TYPE	SIZE (BYTE)	DESCRIPTION
JID	TEXT	14	JOB ID (ID IS "J + SEVEN-DIGIT NUMERICAL VALUE")
UID	TEXT	8	USER'S ID
NUM	INTEGER	2	THE NUMBER OF SHEETS (1 TO 9999)
SIDE	BYTE	1	TWO-SIDED
PCOL	BYTE	1	PRINT COLOR
PAGE	INTEGER	2	THE NUMBER OF PAGES OF DOCUMENT (1 TO 9999)
SIZE	TEXT	2	PAPER SIZE
SCOL	TEXT	2	PAPER COLOR
QUAL	TEXT	2	PAPER QUALITY
SPCL	TEXT	2	SPECIAL PAPER
HCOL	TEXT	2	FRONT PAPER COLOR
STPL	TEXT	2	STAPLE
PLCE	TEXT	2	PLACE TO BIND
WAY	TEXT	2	BINDING METHOD
HOLE	TEXT	2	PUNCHING
SCDL	BYTE	1	SCHEDULE
SDATE	DATE/TIME	8	OUTPUT DATE AND TIME (EFFECTIVE ONLY WHEN DATE IS DESIGNATED)
COMM	TEXT	40	COMMENT
SAVE	BYTE	1	DESIGNATION OF SAVE OF DOCUMENT
LONG	DATE/TIME	8	TIME PERIOD OF SAVING
YEAR	INTEGER	2	YEARS OF SAVING
REPE	BYTE	1	REPEAT CLASSIFICATION
OJID	TEXT	14	PARENT JOB ID
RPDL	TEXT	35	FILE NAME (RPDL)
FILE	TEXT	35	FILE NAME
MID	TEXT	14	ESTIMATION ID
STT	DATE/TIME	8	START OF PROCESSING
END	DATE/TIME	8	COMPLETION OF PROCESSING
DATE	DATE/TIME	8	REGISTERED DATE AND TIME
PERI	INTEGER	2	PRECEDENCE
UFLG	TEXT	2	USER JOB STATE FLAG
KFLG	TEXT	2	MANAGER JOB STATE FLAG
DOCID	TEXT	45	DOCUMENT ID OF LIFISA
PNAME	TEXT	100	PRINTER NAME
OPAGE	INTEGER	2	THE NUMBER OF OUTPUT PAGES
ECPY	INTEGER	2	THE NUMBER OF OUTPUT SHEETS
DIVN	INTEGER	2	THE NUMBER OF DIVIDED JOBS
AMNY	LONG INTEGER	4	PRINTING COST (TOTAL)
MEANS	BYTE	1	OUTPUT STYLE
KCOMM	TEXT	128	MANAGER COMMENT

\* NOTES    '1' (49) PARALLEL PRINT  
              '2' (50) COLLECTIVE PRINT (NORMAL)  
              '3' (51) DEPUTY PRINT

5/19

FIG.5

ITEM ID	DATA TYPE	SIZE (BYTE)	DESCRIPTION
JID	TEXT	14	JOB ID (EIGHT-DIGIT) + SMALL JOB ID (SIX-DIGIT)
PRNT	TEXT	50	PRINTER NAME
STT	DATETIME	8	PRINT-START IMPOSED DATE
END	DATETIME	8	PRINT-COMPLETION IMPOSED DATE
SNO	INTEGER	2	STARTING PAGE NUMBER
NUM	INTEGER	2	THE NUMBER OF OUTPUT SHEETS
KFLG	TEXT	2	MANAGER JOB STATE FLAG *NOTE
TIME	INTEGER	2	PRINTING TIME

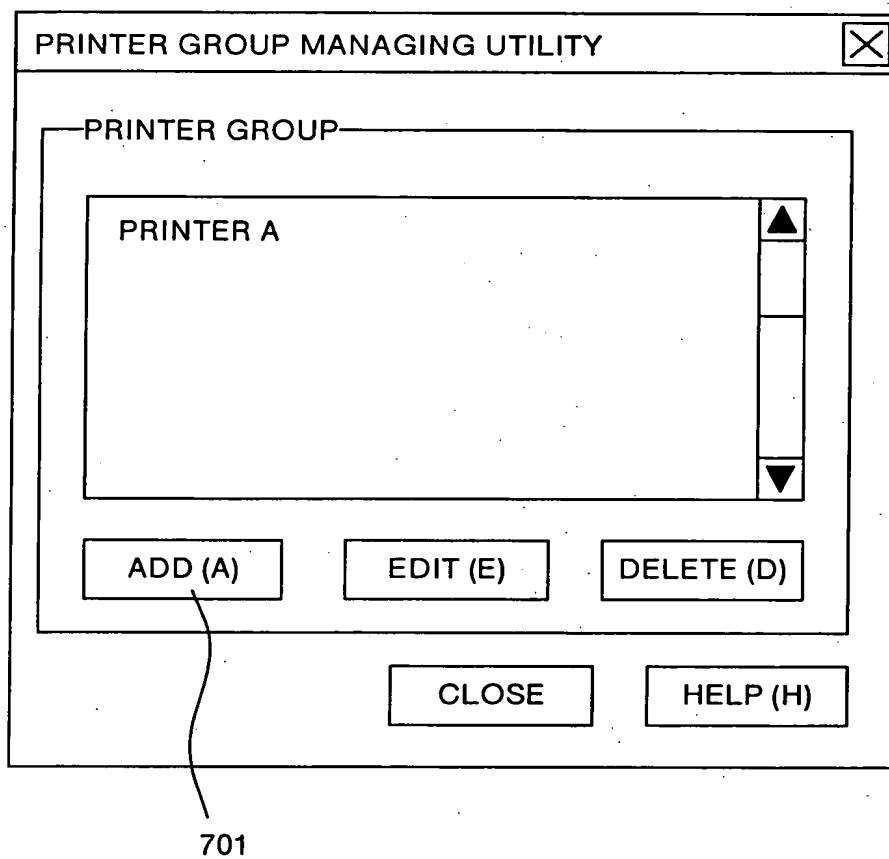
\*NOTES    "01" PRINT STANDBY  
             "02" PRINTING  
             "03" STOPPING  
             "04" NOT ALLOCATED TO PRINTER (PENDING)  
             "05" PRINT COMPLETION  
             "06" PRINT CANCEL  
             "07" BOUND  
             "08" SENT  
             "09" COMPLETION OF PROCESSING  
             "99" PRINT ERROR

FIG.6

GROUP NAME	PRINTER NAME	STATE	IP ADDRESS	OPERATION AT THE TIME OF RECEPTION	OPERATION AT THE TIME OF COMPLETION	DEPUTY PRINT	PARALLEL PRINT	COLOR PAGE
PRINTER A	PRINTER A1	READY	166.192.195.131	MANUAL AT THE TIME OF INPUT	DISPLAY COMPLETION SCREEN	MANUAL	30 SHEETS OR MORE	NOT USED
	PRINTER A2	READY	166.192.195.132					
	PRINTER A3	WARM UP	166.192.195.133					
	PRINTER A4	PAPER JAMMING	166.192.195.134					
PRINTER B	PRINTER B1	REPLENISH TONER	166.192.195.141	MANUAL AT THE TIME OF INPUT	DISPLAY COMPLETION SCREEN	AUTOMATIC	20 SHEETS OR MORE	USED
	PRINTER B2	READY	166.192.195.142					
	PRINTER B3	READY	166.192.195.143					
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.

\*

FIG.7



8/19

FIG.8

GROUP FORMING

DESIGNATE GROUP NAME AND PRINTER TO BE MANAGED

NAME OF GROUP (G)

PRINTER TO BE MANAGED (M)

PRINTER NAME	IP ADDRESS	STATE	INSTALLATION PLACE	COMMENT

↑

PRECEDENCE

↓

EDIT (S)

801

ADD ↑ (C)

RELEASE ↓ (D)

ADDABLE PRINTER (K)

PRINTER NAME	IP ADDRESS
PRINTER B1	166.192.195.141
PRINTER B2	166.192.195.142
PRINTER B3	166.192.195.143

DIRECTLY DESIGNATE BY IP ADDRESS (I)

< RETURN (B)

NEXT (N) >

CANCEL

HELP (H)

802



9/19

FIG.9

**GROUP FORMING** ✕

● SET OPERATIONS WHEN JOB IS RECEIVED OR PRINT IS COMPLETED

— OPERATIONS WHEN JOB IS RECEIVED —

☒ ALLOCATE JOB ON JOB RECEIVING SCREEN (V)  
☐ ALLOCATE JOB AUTOMATICALLY (K)  
☐ ALLOCATE JOB IN LIST (L)

— OPERATIONS WHEN PRINT IS COMPLETED —


☒ DISPLAY PRINT COMPLETION SCREEN (E)  
☐ DELETE JOB AUTOMATICALLY (D)

● SET DEPUTY/PARALLEL PRINT

☒ DEPUTY PRINT (T)

☐ MANUAL DEPUTY PRINT (M)  
☒ AUTOMATIC DEPUTY PRINT (U)

☒ PARALLEL PRINT (R)

THE NUMBER OF PRINTS (P)  
WHEN PRINTING ON    
OR MORE SHEETS

● SET COVER PAGE

☒ COVER PAGE IS USED (N)

< RETURN (B) COMPLETE CANCEL HELP (H)

10/19

FIG.10

RECEPTION OF JOB



RECEIVING TIME2000/02/15 15:48

NAME OF DOCUMENTXXRECEIVED DOCUMENT

THE NUMBER OF COPIES300 COPIES

A NEW JOB WAS INPUT.  
ALLOCATE PRINTER JOB.

THE NUMBER OF UNALLOCATED COPIES : 240

PRINTER NAME	STATE	THE NUMBER OF ALLOCATED COPIES
 PRINTER A1	STOP	30
 PRINTER A2	OPERATING	30

AVERAGING (V)

RELEASE  
ALLOCATION (S)

< RETURN (B)

NEXT (N) >

CANCEL

HELP (H)

1001

1002

11/19

FIG.11

RECEPTION OF JOB

RECEIVING TIME 2000/02/15 15:48

NAME OF DOCUMENT XXRECEIVED DOCUMENT

THE NUMBER OF COPIES 300 COPIES

SET CONDITION OF JOB

PRECEDENCE (P)

3 LOW HIGH

COVER PAGE

COVER PAGE IS USED

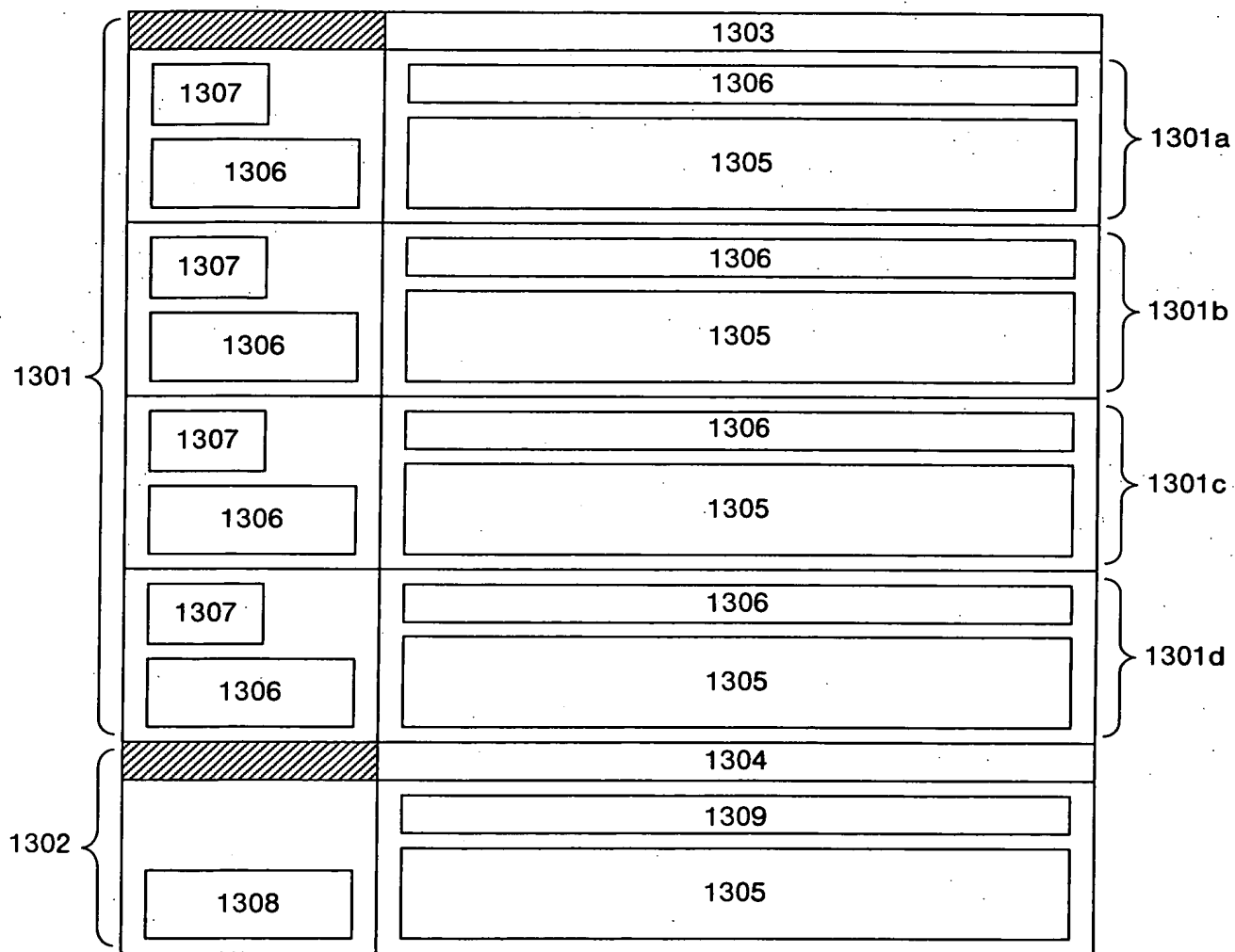
< RETURN (B) COMPLETE CANCEL HELP (H)

1101

1102



FIG.13



Printer CRD/PFP SCHEDULE VIEW

FILE DISPLAY JOB .....

1411

...

1407

PRINTER A1

JOB ID : J0000012

PROGRESS STATE : 650/1000

OUTPUT STYLE : COLLECTIVE

1406

PRINTER A2

JOB ID : J00000100

1401

PRINTER A4

JOB ID : J0000055

PROGRESS STATE : 1514/2030

OUTPUT STYLE : PARALLEL

1402

UNALLOCATED

TOTAL NUMBER : 4

TOTAL SHEETS : 2432

1408

1413

PRINTER A GROUP

1403

0

60

120

180

240

300

1406

NAME OF NEWCOMER DOCUMENT: EDUCATION MANUAL

USER'S (CO. LTD.) NAME: TT

MEMO:

1405

JOB ID

PROGRESS STATE

OUTPUT STYLE

1410

NAME OF NOTICE OF RELOCATION DOCUMENT: OF HOME OFFICE

USER'S XX NAME: (CO. LTD.)

MEMO: URGENT

1410

NAME OF 991123 DOCUMENT:

USER'S XX NAME: (LIMITED COMPANY)

MEMO:

1405

JOB ID

PROGRESS STATE

OUTPUT STYLE

1404

0

60

120

180

240

300

1409

NAME OF 20000402 DOCUMENT:

USER'S XYZ NAME:

MEMO:

1405

JOB ID

PROGRESS STATE

OUTPUT STYLE

1412

TOTAL NUMBER

TOTAL SHEETS

FIG.15


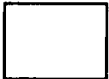


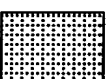


	JOB WHICH IS BEING PRINTED
	COLLECTIVE PRINT JOB & UNALLOCATED JOB
	PARALLEL PRINT JOB
	DEPUTY PRINT JOB
	PENDING JOB
	STOPPED JOB
	ERROR JOB

FIG.16

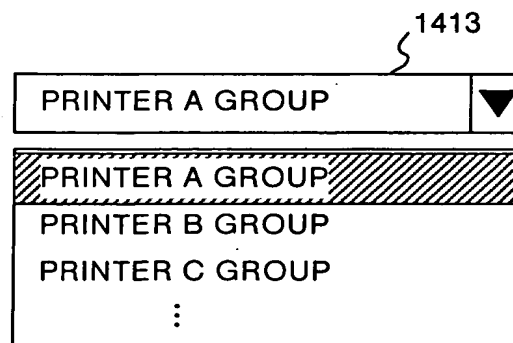














FIG.17

	CALL SERVICE
	OTHER ERROR
	DOOR OPEN
	PAPER JAMMING
	REPLENISH PAPER
	READY
	STOP
	REPLENISH TONER
	WARM UP
	NO RESPONSE
	OFFLINE
	ENERGY SAVING MODE



17/19

FIG.18

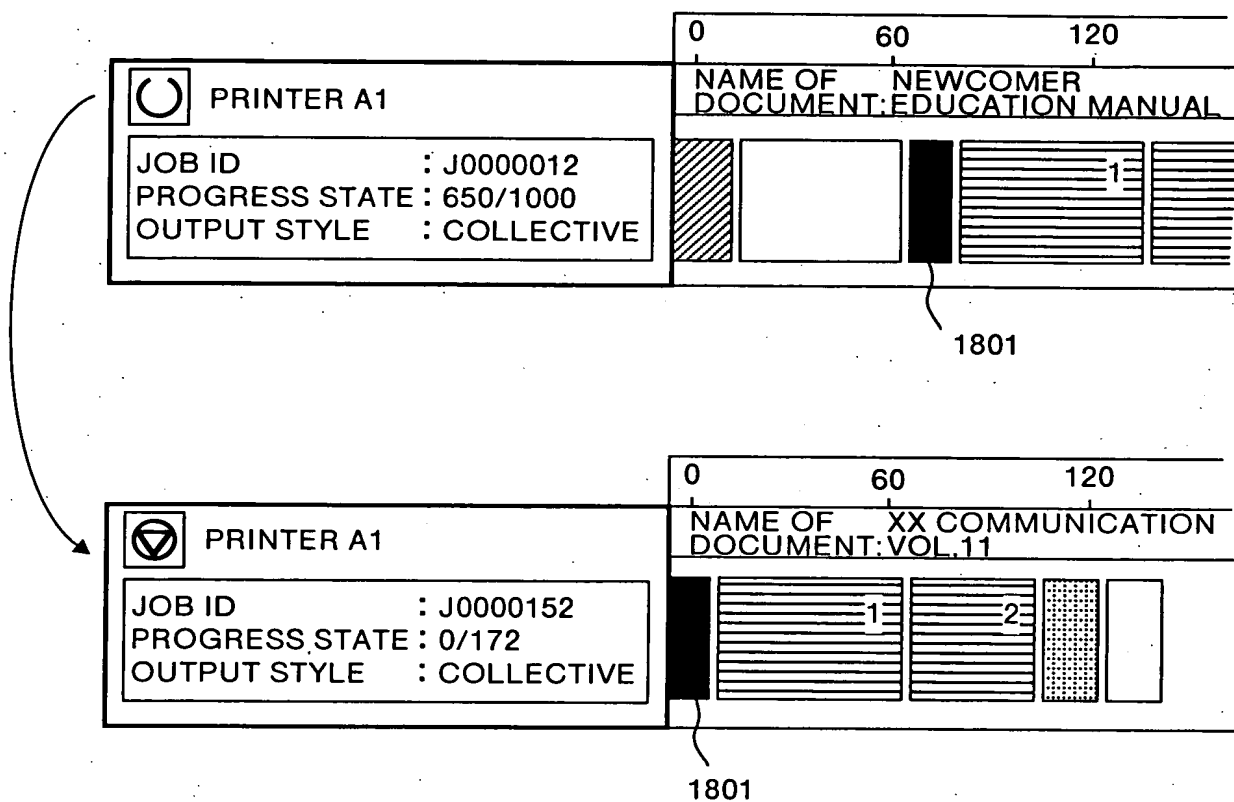
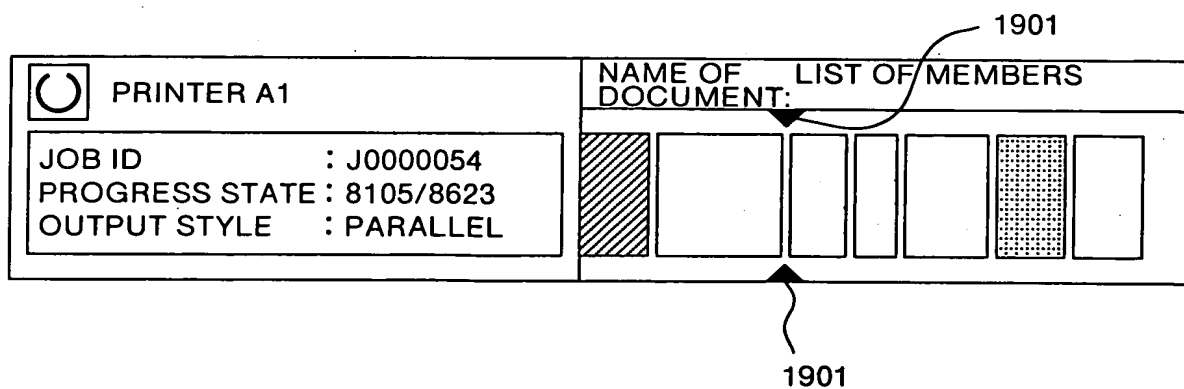


FIG.19



18/19

FIG.20

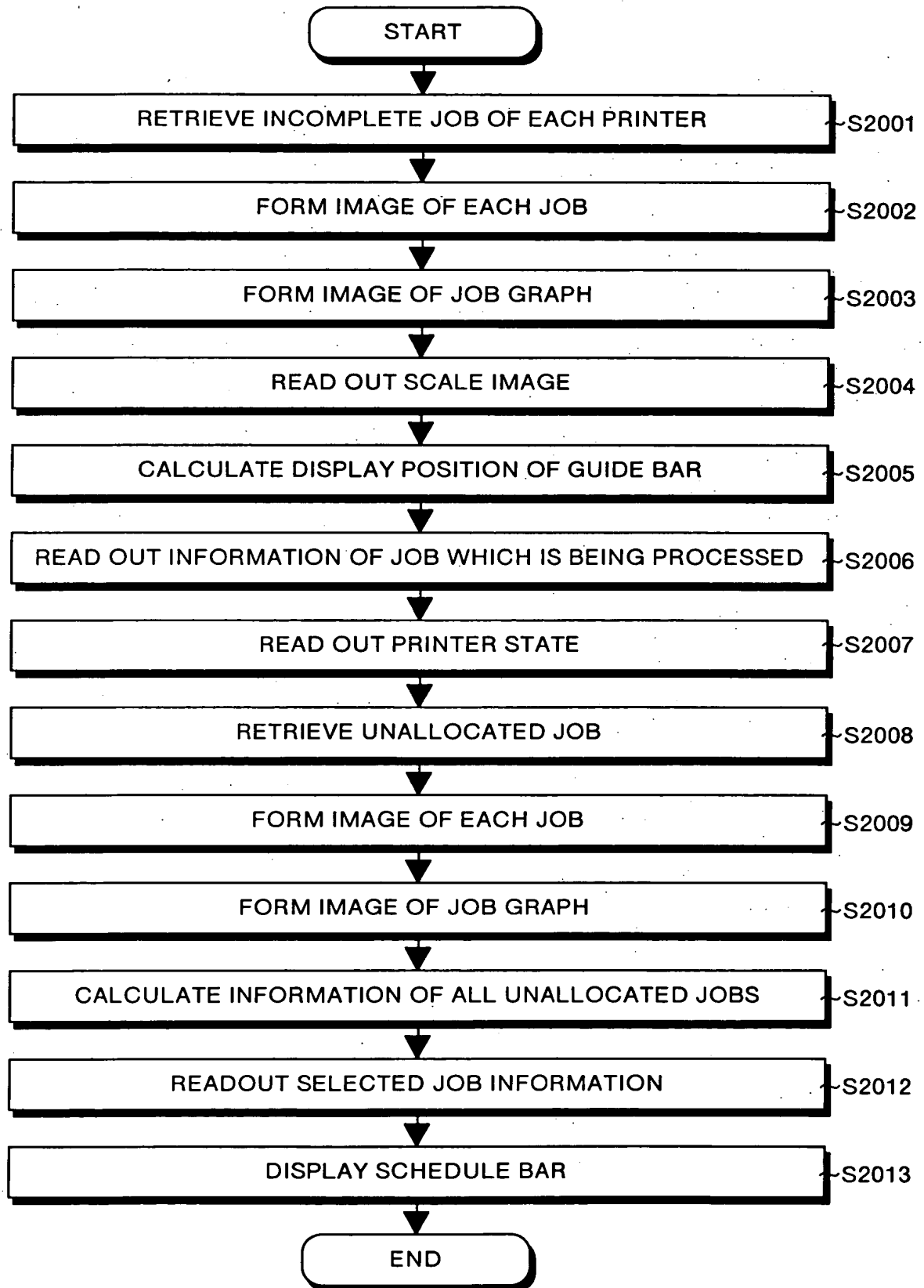


FIG.21

PRINT-JOB LIST							⊗
STATE	JOB ID	NAME OF DOCUMENT	USER'S NAME	OUTPUT PRINTER	FILE SIZE	NUMBER OF COPIES	...
BEING PRINTED	J0000023	REUNION MEMBER LIST	XX UNIVERSITY	ORANGE	120k	1520	
ON STANDBY	J0000049	SEMINAR TEXT	(CO. LTD.) YY	MELON	96k	100	
ON STANDBY	J0000102	OPERATION MANUAL	(CO. LTD.) ZZ	ORANGE	532k	2250	
							.
							.
							.